

Amendments to the Specification:

At page 5, lines 20-21, please amend the specification as follows:

FIGURE 5 is a flowchart that illustrates a method of testing a fuselage detail of the second-generation rule-based model according to an embodiment of the invention showing the invention's application of rules to locate ribs and bulkheads;

At page 5, lines 24-25, please amend the specification as follows:

FIGURE 7 is a screenshot showing the plan-view interaction with the model through a graphic user interface; and,

At page 5, lines 26-27, please amend the specification as follows:

FIGURES 8, 9, and 10 is a portion of a model of a fuselage generated by are flow-charts of routines for generating an integrated element model according to an embodiment of the invention.

At page 5, after line 27, please insert the following:

FIGURE 9 is a model of an aircraft, generated by an embodiment of the invention;

FIGURE 10 is a screenshot generated by an embodiment of the invention; and

FIGURE 11 is another screenshot generated by an embodiment of the invention.

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